

SOUTHWESTERN LABORATORIES

707 South "I" Street — P.O. Box 4022

MIDLAND, TEXAS

MU 3-3349

FRACTIONAL ANALYSIS REPORT

SAMPLE MARKED Bogle Flats Unit, Well #4, Sep. Gas
Indian Basin Field, Eddy Co., N.Mex.

SAMPLE FROM Standard Oil Co. of Tex. (W.T. Engr.)

DATE OF RUN 8-10-66

File No. C-1902-1(g)
 Lab. NO. C-1196
 DATE SECURED ----
 SECURED BY W.T.E.S., Inc.

COMPONENT	MOL. %	G. P. M.	LIQUID VOL. %	ANALYSIS DATA
Carbon Dioxide	0.54			Volume of Sample _____
Hydrogen Sulfide	0.36			Grav. of Residue _____ Vol. of Residue _____
Nitrogen	0.90			Residue Molecular Weight _____
Methane	90.45			Sample Vapor Pressure _____
Ethane	4.92			CONDENSATE VALUES, G.P.M.
Propane	1.54	0.422		Propane _____
I-Butane	0.29	0.095		Butane _____
N-Butane	0.46	0.145		Gasoline _____
I-Pentane	0.17	0.062		HEATING VALUE, B. T. U. Per Cu. Ft.*
N-Pentane	0.15	0.054		Calculated from % Composition <u>1091</u>
Hexanes plus	0.22	0.094		Calorimeter _____
Heptanes				SULPHUR CONTENT, Grains Per 100 Cu. Ft.*
				Hydrogen Sulfide <u>227.97</u>
				Mercaptans _____
				SPECIFIC GRAVITY*
				Calculated from % Composition <u>0.626</u>
				Gravity Balance _____
	100.00	0.012		*14.7 lbs./sq. in., 60° F.

RUN BY Jack H. Barton

CALCULATED BY Jack H. Barton

REMARKS:

COPIES:

16cc Standard Oil Company of Texas
 1cc West Texas Engineering Services,
 Inc.

Jack H. Barton